Resource Summary Report

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ToRNADo

RRID:SCR_002706
Type: Tool

Proper Citation

ToRNADo (RRID:SCR_002706)

Resource Information

URL: https://simtk.org/home/rna-viz-proto

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Description: A software application for animating and visualising RNA and other macromolecular structures. Users are able to use their intuition to interactively refold RNA structures and produce morphs from one structure to another. It allow researchers to explore and manipulate molecular structures Imported from BiositeMaps registry, to better understand structure:function relationships, folding pathways, and molecular motion.

Resource Type: data visualization software, software resource, software application, data processing software

Keywords: duplex, protein, rna, visualization

Funding: NIH ;
NIGMS R01GM107340;
NIGMS U54GM072970

Availability: Free, Available for download, Freely available

Resource Name: ToRNADo

Resource ID: SCR_002706

Alternate IDs: nif-0000-23335

License: MIT License

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260729T044039+0000

Ratings and Alerts

No rating or validation information has been found for ToRNADo.

No alerts have been found for ToRNADo.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 95 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Groninga J, et al. (2026) Millimetre-Scale Stratification of Microbial Communities in Hydrothermal Sediments. Environmental microbiology, 28(1), e70227.

Green N, et al. (2025) Latent tuberculosis infection screening of adult close contacts: a cost-utility analysis. ERJ open research, 11(3).

Cao L, et al. (2025) Chloroplast Z-ring dynamics is governed by conserved core regions of evolutionarily divergent FtsZs. Frontiers in plant science, 16, 1622675.

Baigutanova A, et al. (2025) A continuous real-world dataset comprising wearable-based heart rate variability alongside sleep diaries. Scientific data, 12(1), 1474.

Almohannadi M, et al. (2025) Balloon-Occluded Retrograde Transvenous Obliteration (BRTO) for Gastric Varices: A Single-Center Experience in the Middle East. Cureus, 17(5), e83726.

Hunter MV, et al. (2025) Mechanical confinement governs phenotypic plasticity in melanoma. Nature, 647(8089), 517.

Pasalari H, et al. (2025) Health risk attributed to consumption of vegetables irrigated with different effluents containing enteric viruses via QMRA and DALY. Scientific reports, 15(1), 18370.

Eickhoff N, et al. (2025) TRIM33 loss reduces androgen receptor transcriptional output and H2BK120 ubiquitination. Communications biology, 8(1), 1043.

Lin H, et al. (2025) Modular organization of enhancer network provides transcriptional robustness in mammalian development. Nucleic acids research, 53(2).

Faraji F, et al. (2025) YAP-driven malignant reprogramming of oral epithelial stem cells at single cell resolution. Nature communications, 16(1), 498.

Paul S, et al. (2025) Cooperation between the Hippo and MAPK pathway activation drives acquired resistance to TEAD inhibition. Nature communications, 16(1), 1743.

Troester S, et al. (2025) Transcriptional and epigenetic rewiring by the NUP98::KDM5A fusion oncoprotein directly activates CDK12. Nature communications, 16(1), 4656.

Schindler M, et al. (2025) Comparative single-cell analyses reveal evolutionary repurposing of a conserved gene programme in bat wing development. Nature ecology & evolution, 9(9), 1626.

Lech L, et al. (2025) Safety and effectiveness of endovascular treatment of splenic artery aneurysms: a single centre experience. Langenbeck's archives of surgery, 410(1), 205.

Goudarzi Z, et al. (2025) Value of cannabidiol as adjunctive treatment for Lennox Gastaut syndrome: cost-effectiveness and budget impact analysis. BMC medicine, 23(1), 135.

Schwarzerova J, et al. (2025) Enhanced metabolomic predictions using concept drift analysis: identification and correction of confounding factors. Bioinformatics advances, 5(1), vbaf073.

Wu C, et al. (2025) Correlative X-ray imaging to reveal the dissolution of nanoparticles and nutrient transport in plant foliar fertilization. Frontiers in plant science, 16, 1610402.

Bychkov I, et al. (2025) Functional Analysis of Complex Structural and Splice-Altering Variants in the ARSB Gene Towards the Personalized Antisense-Based Therapy for Mucopolysaccharidosis Type VI Patients. Human mutation, 2025, 2250030.

Zhang W, et al. (2024) SETMAR Facilitates the Differentiation of Thyroid Cancer by Regulating SMARCA2-Mediated Chromatin Remodeling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(32), e2401712.

Nan Y, et al. (2024) Early-stage hepatocellular carcinoma screening in patients with chronic hepatitis B in China: a cost-effectiveness analysis. Journal of comparative effectiveness research, 13(4), e230146.